

**Docket No. 217 – Development and Management Plan Inspection**

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

**Date:** August 16, 2006

**Inspector:** Diana Walden

**Location:** 345kV Underground Route

**Storm/**

**Rain Event:** Depending on location, between 0.49-0.59" of rain was recorded on 8/15, with possibly higher localized totals as reported by NOAA.

Areas of Inspection	Observation	Recommended Action	Corrective Action
Vault Openings and Trench Construction	- Most work areas along Rt. 7 have been restored but a few bare areas remain or have not re-vegetated as well as expected. 8/16/06	- Continue providing good "house- keeping" along the roadways. Full restoration will be required when work is completed. 2/2-8/16/06	-Many roadside areas have good grass cover
	-A number of vaults continue to be accessed along portions of the route for internal work (pulling/splicing cable). A small cover shed was constructed along the Rt 107 roadway 8/16/06	- Include these areas as part of the restoration efforts when access is complete. 4/12-8/16/06	-N/A
	- Active work continues along a few locations including at the Rt 7/107 intersection and along Rt107. 8/16/06	- It should be confirmed that catch basins in the area have controls. See erosion control section. 8/16/06	- Needs attention if not already addressed.
	- Work appeared complete at Church St with the trench restored and the road opened. 8/16/06	- None at this time 8/16/06	- N/A
Erosion and Sediment (E&S) Controls	- Grass growth appears to have slowed at the high school J&B and north towards Allen's Meadow due to the weather 7/26-	- Continue to monitor as grass is patchy but seems stable for the most part. 7/26-8/16/06	- N/A

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<p>Erosion and Sediment (E&amp;S) Controls</p> <p><b>Route 7</b></p>	<p>8/16/06</p> <ul style="list-style-type: none"> <li>- At the School Rd. HDD, areas along the perimeter wetlands remain in good shape. 8/16/06</li> <li>- Vegetative cover is starting to slowly increase in the mulched area to the east. Erosion controls were repaired here. 8/16/06</li> <li>- The silt fence near the swale on Old Danbury Rd. was buried in one spot by stone due to recent grading in the area. Areas upgradient remain bare 8/16/06</li> <li>- The vault area at Wilton Corp Park has been restored with seed and mulch. The sidewalk in the area was cracked 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- Grass growth has slowed due to the weather. Continue to monitor for stabilization. 8/16/06</li> <li>- Continue to monitor for vegetative cover. Continue to monitor and reinforce controls if necessary 8/16/06</li> <li>-Grade and restore the area as soon as possible to remove the potential for erosion. 7/19-8/16/06 Also consider removing accumulated sediment in the swale. 7/12-8/16/06</li> <li>-Continue to monitor for final stabilization. Restore the sidewalk if required by the landowner. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>-Vegetation is slowly returning</li> <li>-Needs attention when feasible.</li> <li>-The area has been restored</li> </ul>
<p><b>Rt. 107</b></p>	<ul style="list-style-type: none"> <li>- Landowner activities near the storage area near #848 (Rt.7) are directly affecting wetlands, including placing sediment on the banks of the swales. 3/15-8/16/06</li> <li>- Previously, catch basins near the Rt. 107 &amp; 7 intersection did not appear to have filters/controls in place in the catch basins and has been disturbed for several months prior to work returning here 7/12-8/16/06</li> <li>- At the Georgetown Deli J&amp;B, vegetative growth continues at all of the restored areas and the boulders are holding up well. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-The sediment placement and landowner activities are outside of project jurisdiction. 4/6-8/16/06</li> <li>- Confirm that adjacent catch basins are protected and restore the island when access is complete. 4/6-8/16/06</li> <li>-Due to the sandy soils, EC mats are installed here to promote stabilization. Continue to monitor 5/31-8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- Needs attention</li> <li>- Vegetative growth continues</li> </ul>

Areas of Inspection	Observation	Recommended Action	Corrective Action
Erosion and Sediment (E&S) Controls continued	<ul style="list-style-type: none"> <li>- At the Georgetown HDD site (Gilbert &amp; Bennett lot), the slope where the trenching had occurred was graded but did not appear to have been seeded yet. 8/9-8/16/06</li> <li>- At the HDD exit at Church St the work was complete and silt fence removed. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- Seeding and mulching needs to occur. Determine whether the slope will require mats for stabilization as this area may erode. 8/3-8/16/06</li> <li>- The work is complete in the area. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-Needs restoration.</li> <li>- N/A</li> </ul>
<b>Umpawaug Rd. And Diamond Hill Rd.</b>	<ul style="list-style-type: none"> <li>-Most roadside areas have been restored. A few areas may need additional attention. 8/9-8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- Continue to restore any remaining areas and install controls if necessary. 8/9-8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- N/A at this time</li> </ul>
Adjacent Wetlands and Waterways	<ul style="list-style-type: none"> <li>-Adjacent areas of wetland were restored around the HDD site but revegetation is occurring somewhat slowly in the naturally restoring area 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor for vegetative cover and stabilization. Repair/reinforce controls when needed. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- N/A</li> </ul>
Staging, Storage, and Parking Areas	<ul style="list-style-type: none"> <li>- The equipment storage yard on the property south of the Rt. 7 &amp; 107 intersection was mostly contained. 1/26-8/16/06</li> <li>- Disturbance is mostly due to landowner activities. 3/15-8/16/06</li> <li>- A possible spill remains here in the gravel. 8/3-8/16/06</li> <li>- The storage area along Rt 7 across from Old Highway Rd is still in use. 8/16/06</li> <li>- The racquet club storage yard has a pile of sandbags and other equipment stored</li> </ul>	<ul style="list-style-type: none"> <li>- In general, materials should be placed appropriately in storage areas or immediately adjacent to work each night. No potentially spillable materials should be left behind. Equipment should not be placed near resource areas.</li> <li>-Determine if this is project related and remove affected soil and stone. 8/3-8/16/06</li> <li>- The area is fairly well contained but control disturbed soil if necessary. Continue good housekeeping here. 8/16/06</li> <li>- Install haybales at the culvert within the swale in</li> </ul>	<ul style="list-style-type: none"> <li>-N/A at this time</li> <li>- Needs attention</li> <li>-May need attention</li> <li>- Needs attention</li> </ul>

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	<p>here. Stormwater had been seen running to the swale on site. 6/7-8/16/06</p> <p>- Equipment and materials are also being stored off Rt 7 before the Rt 33 turn. 6/14-8/16/06</p>	<p>an attempt to filter run-off. 2/2-8/16/06</p> <p>- Keep areas contained and avoid encroachment into the tree line 6/14-8/16/06</p>	-Continue to monitor
Soils	- Most soils on roadways on the project route are being trucked to a waste facility in Danbury for storage and eventual disposal. Soils off roadway can be returned to the trench.	<p>- Soils appear to be handled appropriately. 8/16/06</p> <p>- Continue to make sure any stockpiles are backfilled to the trench by the end of each day. 2/2-8/16/06</p>	N/A at this time
State species of concern, threatened and endangered species	- No species of concern are located in this area of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-The restoration efforts (seeding and mulching) in several locations along Rt 7 including HDD resulted in grass cover but growth is slowing due to the weather 7/26-8/16/06</p> <p>- The slope along the Gilbert &amp; Bennett lot where the HDD occurred still needs to be seeded and mulched. 8/9-8/16/06</p>	<p>-Continue restoration: and monitor areas for suitable growth. 8/16/06.</p> <p>- Restore and stabilize the slope. 8/9-8/16/06</p>	<p>N/A at this time</p> <p>- Needs attention</p>
Dewatering	- A frac tank remains at the Georgetown HDD but equipment had demobilized and active dewatering was not occurring. 8/16/06	-None at this time. 8/16/06	- N/A
Blasting	- No blasting is occurring on site at this time.	- None at this time.	N/A

Areas of Inspection	Observation	Recommended Action	Corrective Action
Spills and Material Storage	<ul style="list-style-type: none"> <li>- In general, make sure that glues, asphalt components and other materials are stored well overnight and not left out along the roadway. 8/16/06</li> <li>- A spill remains in the gravel at the Rt 107/7 storage area. Pick up and remove affected stone/soil 8/3-8/16/06</li> <li>- A concrete washout was noted to the sidewalk and roadway on 8/9/06 but was not observed this inspection</li> </ul>	<ul style="list-style-type: none"> <li>- The contractors should remain vigilant about securing and handling fuel containers.</li> <li>- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site.</li> <li>- Check equipment status on a regular basis and keep spill kits on hand.</li> <li>- Report spills immediately, even if they are being controlled.</li> <li>-Continue to remind drivers to wash out to contained areas. 8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-N/A</li> <li>- Needs attention</li> <li>- N/A</li> </ul>
Additional Observations	<ul style="list-style-type: none"> <li>- The invasive species Phragmites was noted growing back at the School Rd HDD site. This had been present prior to work here and will be difficult to prevent. 7/12-8/16/06</li> <li>- The landowner at the limousine service (Old HDD exit point) requests were being addressed with him. 7/26-8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>-Continue to monitor and attempt to keep establishment from occurring in new areas.</li> <li>- The contractor will be speaking to the landowner 7/26-8/16/06</li> </ul>	<ul style="list-style-type: none"> <li>- Was being addressed.</li> </ul>

**Next likely scheduled inspection:**

Wednesday, August 23, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

**Inspector's Signature:**

Diana Walden



345kV: Photo on the left shows where the vault work area at the Wilton Corporate Park was restored with seed and mulch. Continue to repair sidewalk if necessary. Photo on the right shows where some grading near Old Danbury Rd caused some of the stone to crush the silt fence. 8/16/06



(School Rd) Photo on the left shows a view of the silt fence at the top of the channel on the east side of the old HDD. It was repaired as recommended. Photo on the right shows a view along the channel here. Some vegetation continues to return. 8/16/06



Photo on the left shows a view of the eastern side of the HDD where vegetation is finally beginning to return after the restoration efforts. Photo on the right shows the apparent spill still remaining in the gravel at the Rt 107/7 intersection storage area 8/16/06



(Georgetown): Photo on the left shows where the work at Church St and the exit point of the HDD is complete. The area was restored with seed and mulch. Photo on the right shows a view of the completed HDD site in the Gilbert & Bennett lot. Seed and mulch are still needed here. 8/16/06